

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Dixon Energy Inc.**

8100 E 22nd N Buldg 300
STE. 200
Wichita KS 67226

ATTN: Jeff Burk

34 22 12 Stafford KS

Siefkes #1

Start Date: 2009.09.29 @ 02:58:13

End Date: 2009.09.29 @ 09:47:43

Job Ticket #: 35114 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



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DRILL STEM TEST REPORT

Dixon Energy Inc.

8100 E 22nd N Buldg 300
STE. 200
Wichita KS 67226
ATTN: Jeff Burk

Slefkes #1

34 22 12 Stafford KS

Job Ticket: 35114

DST#: 1

Test Start: 2009.09.29 @ 02:58:13

GENERAL INFORMATION:

Formation: **Lansing B&F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:01:13

Time Test Ended: 09:47:43

Test Type: Conventional Bottom Hole

Tester: Kevin Taylor

Unit No: 31

Interval: **3333.00 ft (KB) To 3385.00 ft (KB) (TVD)**

Total Depth: 3385.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1846.00 ft (KB)

1836.00 ft (CF)

KB to GRVCF: 10.00 ft

Serial #: 8358

Inside

Press@RunDepth: 38.71 psig @ 3334.00 ft (KB)

Start Date: 2009.09.29

End Date:

2009.09.29

Start Time: 02:58:18

End Time:

09:47:42

Capacity: 8000.00 psig

Last Calib.: 2009.09.29

Time On Btm: 2009.09.29 @ 06:00:58

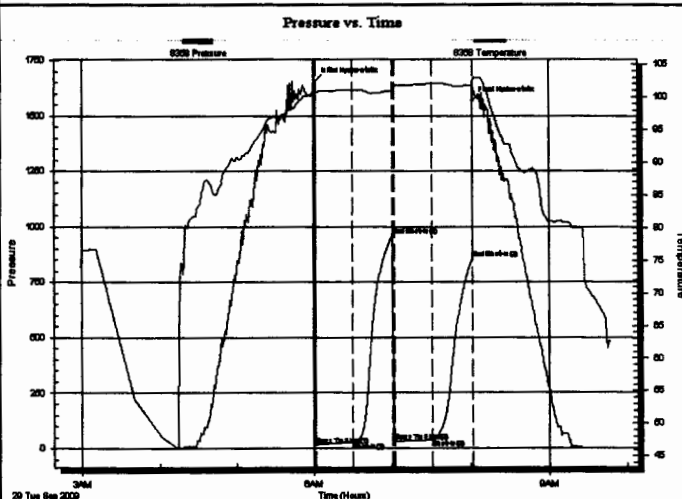
Time Off Btm: 2009.09.29 @ 08:01:28

TEST COMMENT: I.F. Weak Blow 1/2" Died in 30 Min

I.S.I. No Blow

F.F. No Blow

F.S.I. No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1653.69	100.33	Initial Hydro-static
1	15.59	100.67	Open To Flow (1)
29	26.80	101.02	Shut-In(1)
60	961.62	100.90	End Shut-In(1)
61	31.62	101.73	Open To Flow (2)
90	38.71	102.03	Shut-In(2)
121	856.49	101.80	End Shut-In(2)
121	1567.85	102.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud	0.11

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dixon Energy Inc.

Siefkes #1

8100 E 22nd N Buldg 300
STE 200
Wichita KS 67226
ATTN: Jeff Burk

34 22 12 Stafford KS

Job Ticket: 35114

DST#: 1

Test Start: 2009.09.29 @ 02:58:13

Tool Information

Drill Pipe:	Length: 3157.00 ft	Diameter: 3.88 inches	Volume: 46.17 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: lb
Drill Collar:	Length: 183.00 ft	Diameter: 2.75 inches	Volume: 1.34 bbl	Weight to Pull Loose: lb
		Total Volume: 47.51 bbl		Tool Chased ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial lb
Depth to Top Packer:	3333.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	52.00 ft			
Tool Length:	72.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			3318.00	
Hydraulic tool	5.00			3323.00	
Packer	5.00			3328.00	20.00 Bottom Of Top Packer
Packer	5.00			3333.00	
Stubb	1.00			3334.00	
Recorder	0.00	8358	Inside	3334.00	
Recorder	0.00	6668	Inside	3334.00	
Perforations	9.00			3343.00	
Change Over Sub	1.00			3344.00	
Drill Pipe	31.00			3375.00	
Change Over Sub	1.00			3376.00	
Perforations	6.00			3382.00	
Bullnose	3.00			3385.00	52.00 Bottom Packers & Anchor

Total Tool Length: 72.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Dixon Energy Inc.

Siefkes #1

8100 E 22nd N Bldg 300
STE 200
Wichita KS 67226
ATTN: Jeff Burk

34 22 12 Stafford KS

Job Ticket: 35114

DST#: 1

Test Start: 2009.09.29 @ 02:58:13

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.55 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud	0.110

Total Length: 15.00 ft

Total Volume: 0.110 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

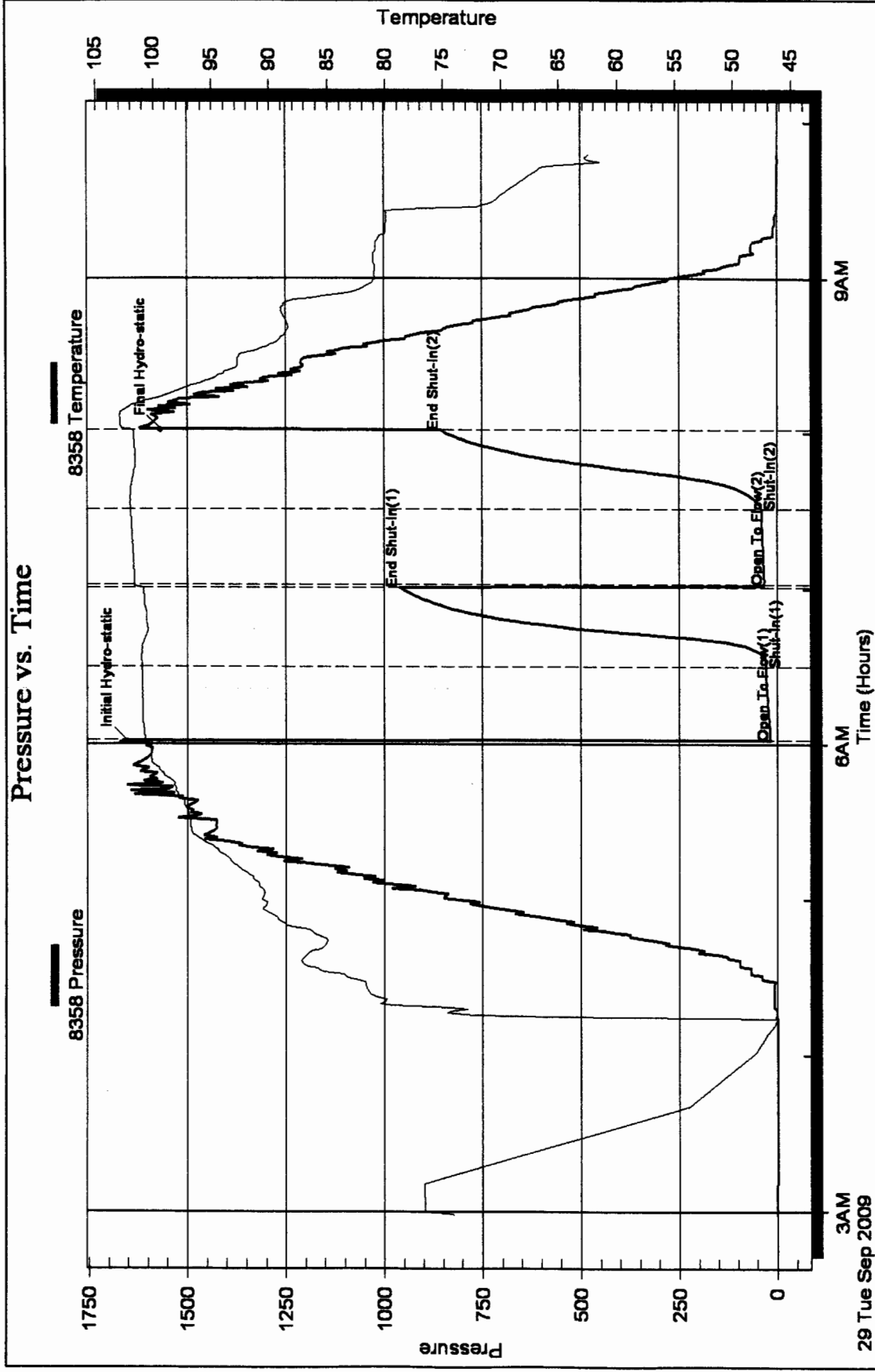
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





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Prepared For: **Dixon Energy Inc.**

8100 E 22nd N Buldg 300
STE. 200
Wichita KS 67226

ATTN: Jeff Burk

34 22 12 Stafford KS

Siefkes #1

Start Date: 2009.09.29 @ 21:44:38

End Date: 2009.09.30 @ 04:26:16

Job Ticket #: 35115 DST #: 2

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DRILL STEM TEST REPORT

Dixon Energy Inc.

8100 E22nd N Buld 300
STE. 200
Wichita KS 67226
ATTN: Jeff Burk

Slefkes #1

34 22 12 Stafford KS

Job Ticket: 35115

DST#: 2

Test Start: 2009.09.29 @ 21:44:38

GENERAL INFORMATION:

Formation: **Lansing "I,J,K"**

Deviated: **No Whipstock** ft (KB)

Time Tool Opened: 00:33:53

Time Test Ended: 04:26:16

Test Type: **Conventional Bottom Hole**

Tester: **Kevin Taylor**

Unit No: **31**

Interval: **3461.00 ft (KB) To 3515.00 ft (KB) (TVD)**

Total Depth: **3385.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1846.00 ft (KB)**

1836.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 8358 **Inside**

Press@RunDepth: **21.94 psig @ 3462.00 ft (KB)**

Start Date: **2009.09.29**

End Date:

2009.09.30

Start Time: **21:44:43**

End Time:

04:26:15

Capacity: **8000.00 psig**

Last Calib.: **2009.09.30**

Time On Btm: **2009.09.30 @ 00:33:23**

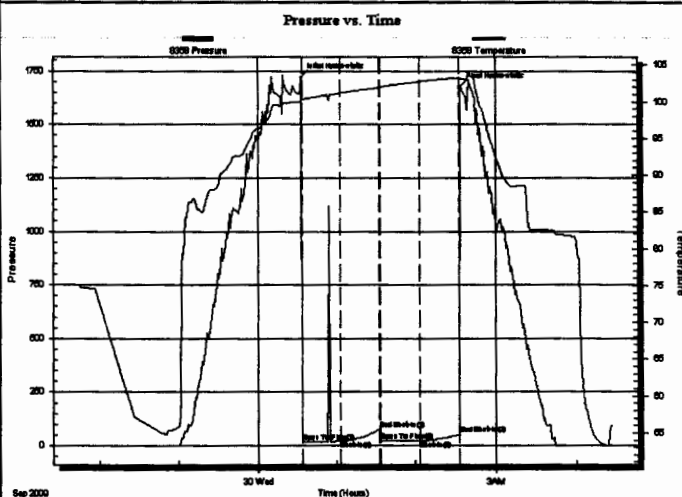
Time Off Btm: **2009.09.30 @ 02:34:07**

TEST COMMENT: I.F. Weak Surface Blow Died in 7 Min Flushed The Tool @ 15 Min Weak surface Blow Died in 3 Min

I.S.I. No Blow

F.F. No Blow

F.S.I. No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1719.91	100.13	Initial Hydro-static
1	17.92	100.43	Open To Flow (1)
30	20.89	101.18	Shut-in (1)
60	76.60	101.90	End Shut-in (1)
60	20.87	102.05	Open To Flow (2)
90	21.94	102.73	Shut-in (2)
120	52.59	103.29	End Shut-in (2)
121	1676.17	103.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.04

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Dixon Energy Inc.

Siefkes #1

8100 E 22nd N Buldg 300
STE 200
Wichita KS 67226
ATTN: Jeff Burk

34 22 12 Stafford KS

Job Ticket: 35115

DST#: 2

Test Start: 2009.09.29 @ 21:44:38

Tool Information

Drill Pipe:	Length: 3281.00 ft	Diameter: 3.88 inches	Volume: 47.98 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 183.00 ft	Diameter: 2.75 inches	Volume: 1.34 bbl	Weight to Pull Loose: 43000.00 lb
		Total Volume: 49.32 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3461.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	54.00 ft			
Tool Length:	74.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3446.00	
Hydraulic tool	5.00			3451.00	
Packer	5.00			3456.00	20.00 Bottom Of Top Packer
Packer	5.00			3461.00	
Stubb	1.00			3462.00	
Recorder	0.00	8358	Inside	3462.00	
Recorder	0.00	6668	Inside	3462.00	
Perforations	9.00			3471.00	
Change Over Sub	1.00			3472.00	
Drill Pipe	31.00			3503.00	
Change Over Sub	1.00			3504.00	
Perforations	8.00			3512.00	
Bullnose	3.00			3515.00	54.00 Bottom Packers & Anchor

Total Tool Length: 74.00



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FLUID SUMMARY

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Siefkes #1

8100 E 22nd N Buldg 300

34 22 12 Stafford KS

STE. 200

Job Ticket: 35115

DST#: 2

Wichita KS 67226

Test Start: 2009.09.29 @ 21:44:38

ATTN: Jeff Burk

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8300.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud	0.037

Total Length: 5.00 ft

Total Volume: 0.037 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

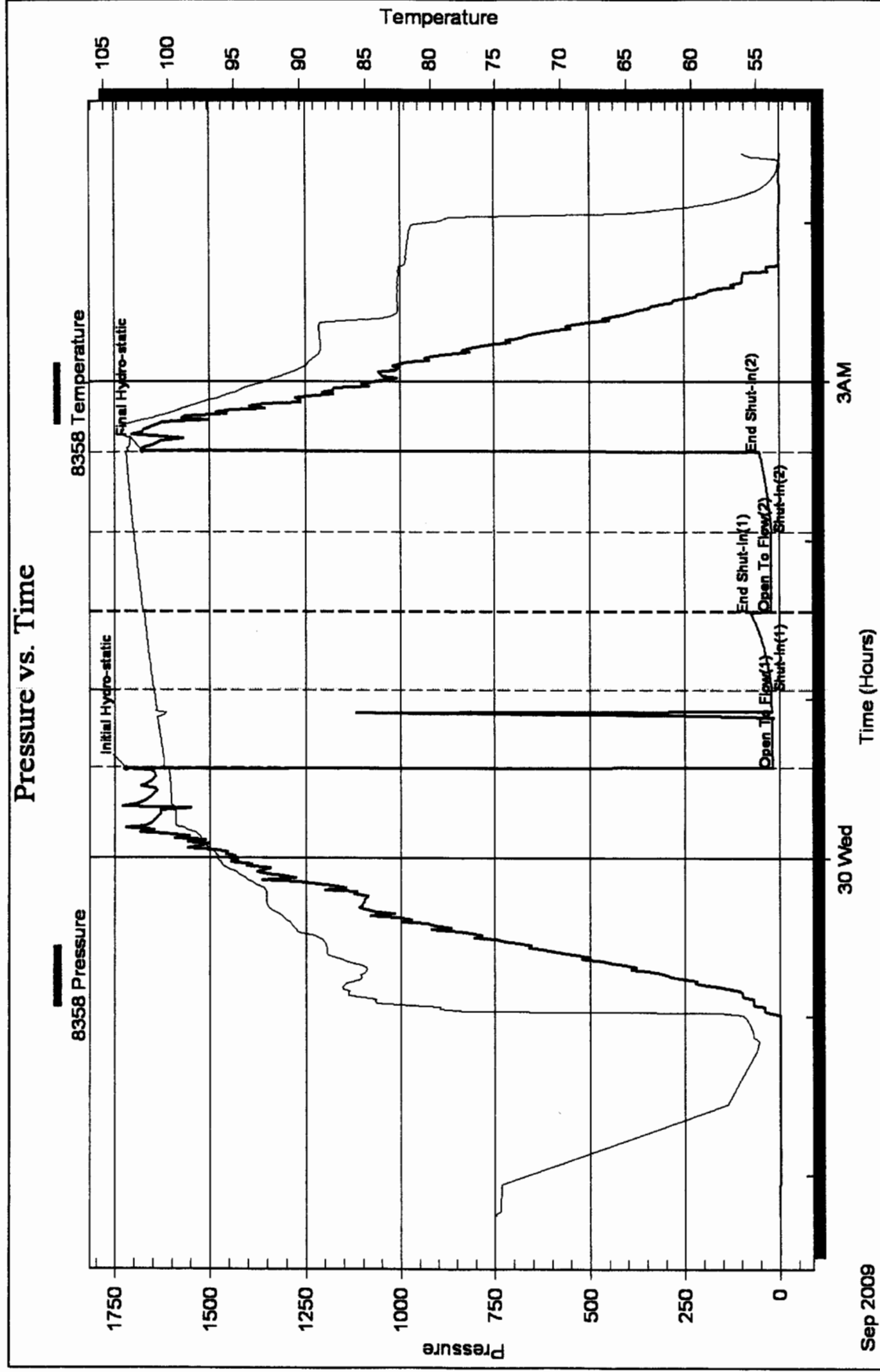
Serial #:

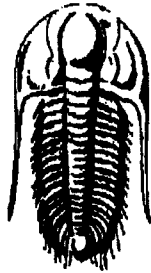
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





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8100 E 22nd N Buldg 300
STE. 200
Wichita KS 67226

ATTN: Jeff Burk

34 22 12 Stafford KS

Siefkes #1

Start Date: 2009.09.30 @ 17:38:38

End Date: 2009.09.30 @ 23:55:01

Job Ticket #: 35116 DST #: 3

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Dixon Energy Inc.

8100 E 22nd N Buldg 300
STE 200
Wichita KS 67226
ATTN: Jeff Burk

Siefkes #1

34 22 12 Stafford KS

Job Ticket: 35116

DST#: 3

Test Start: 2009.09.30 @ 17:38:38

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:51:08

Time Test Ended: 23:55:01

Test Type: Conventional Bottom Hole

Tester: Kevin Taylor

Unit No: 31

Interval: **3713.00 ft (KB) To 3722.00 ft (KB) (TVD)**

Total Depth: 3713.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1846.00 ft (KB)

1836.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8358 Inside

Press@RunDepth: 33.39 psig @ 3714.00 ft (KB)

Start Date: 2009.09.30

End Date:

2009.09.30

Start Time: 17:38:43

End Time:

23:55:00

Capacity: 8000.00 psig

Last Calib.: 2009.10.01

Time On Btrc: 2009.09.30 @ 19:50:38

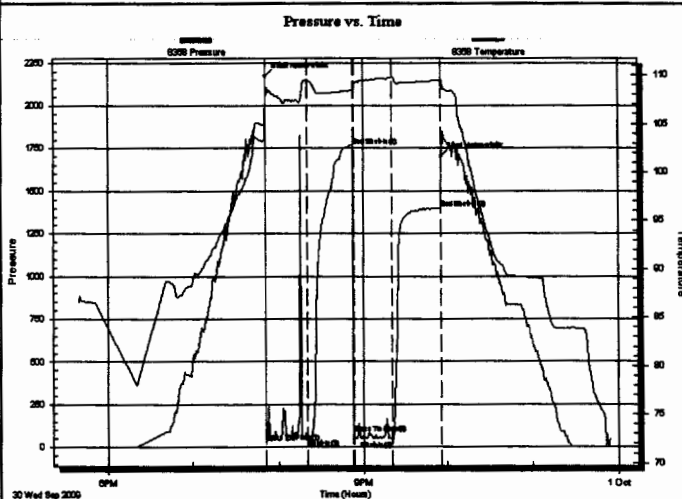
Time Off Btrc: 2009.09.30 @ 21:56:08

TEST COMMENT: I.F. Weak Blow 1/2" Died In 20 Min Flushed Tool Weak Surface Blow Died In 3 Min

I.S.I. No Blow

F.F. No Blow

F.S.I. No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2170.26	106.11	Initial Hydro-static
1	29.82	107.63	Open To Flow (1)
30	48.03	109.42	Shut-In(1)
62	1762.66	108.39	End Shut-In(1)
63	79.79	108.74	Open To Flow (2)
90	33.39	109.80	Shut-In(2)
126	1398.31	109.46	End Shut-In(2)
126	1700.53	109.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.04

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Dixon Energy Inc.

Siefkes #1

8100 E 22nd N Buldg 300
STE 200
Wichita KS 67226
ATTN: Jeff Burk

34 22 12 Stafford KS

Job Ticket: 35116

DST#: 3

Test Start: 2009.09.30 @ 17:38:38

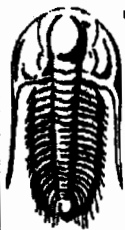
Tool Information

Drill Pipe:	Length: 3530.00 ft	Diameter: 3.88 inches	Volume: 51.62 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 183.00 ft	Diameter: 2.75 inches	Volume: 1.34 bbl	Weight to Pull Loose: 54000.00 lb
		Total Volume: 52.96 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3713.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	9.00 ft			
Tool Length:	29.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3698.00	
Hydraulic tool	5.00			3703.00	
Packer	5.00			3708.00	20.00 Bottom Of Top Packer
Packer	5.00			3713.00	
Stubb	1.00			3714.00	
Recorder	0.00	8358	Inside	3714.00	
Recorder	0.00	6668	Inside	3714.00	
Perforations	5.00			3719.00	
Bullnose	3.00			3722.00	9.00 Bottom Packers & Anchor
Total Tool Length:	29.00				



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DRILL STEM TEST REPORT

FLUID SUMMARY

Dixon Energy Inc.

Siefkes #1

8100 E 22nd N Bldg 300

34 22 12 Stafford KS

STE 200

Job Ticket: 35116

DST#: 3

Wichita KS 67226

Test Start: 2009.09.30 @ 17:38:38

ATTN: Jeff Burk

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.54 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud	0.037

Total Length: 5.00 ft

Total Volume: 0.037 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

